

Supplemental Materials

TABLE S1 The association between incense burning at home and GSTM1 genotype on subcategories of asthma and wheeze

	No incense GSTM1 present	No incense GSTM1 null		With incense GSTM1 present		With incense GSTM1 null	
		OR	95%CI	OR	95%CI	OR	95%CI
Univariate model							
Asthma							
Lifetime asthma	1.00	0.75	(0.51,1.10)	0.80	(0.56,1.15)	0.80	(0.56,1.12)
Current asthma	1.00	0.79	(0.44,1.40)	0.97	(0.57,1.65)	0.98	(0.59,1.62)
Medication use	1.00	0.72	(0.35,1.49)	1.15	(0.61,2.15)	1.05	(0.57,1.95)
Wheeze							
Lifetime wheeze	1.00	0.87	(0.63,1.20)	0.86	(0.63,1.17)	0.90	(0.67,1.20)
Current wheeze	1.00	0.75	(0.44,1.26)	0.79	(0.48,1.28)	0.78	(0.49,1.25)
Nocturnal wheeze	1.00	0.67	(0.31,1.45)	1.14	(0.59,2.19)	0.90	(0.47,1.73)
Exercise wheeze	1.00	1.23	(0.72,2.11)	1.92	(1.18,3.14)	1.51	(0.92,2.45)
Mutually adjusted model *							
Asthma							
Lifetime asthma	1.00	0.69	(0.46,1.03)	0.85	(0.58,1.25)	0.86	(0.60,1.23)
Current asthma	1.00	0.70	(0.38,1.27)	1.08	(0.63,1.88)	1.14	(0.67,1.94)
Medication use	1.00	0.69	(0.33,1.46)	1.28	(0.66,2.46)	1.22	(0.64,2.32)
Wheeze							

Lifetime wheeze	1.00	0.85	(0.61,1.18)	0.97	(0.70,1.33)	1.03	(0.76,1.40)
Current wheeze	1.00	0.71	(0.41,1.22)	0.84	(0.50,1.41)	0.92	(0.56,1.50)
Nocturnal wheeze	1.00	0.60	(0.27,1.33)	1.12	(0.57,2.20)	0.91	(0.47,1.79)
Exercise wheeze	1.00	1.14	(0.66,1.98)	1.96	(1.18,3.26)	1.63	(0.98,2.69)

*Models are adjusted for age, sex, parental education, parental asthma, parental atopy, gestational age, city, maternal smoking during pregnancy and lifetime ETS at home.

TABLE S2 The association between incense burning at home and GSTP1 genotype on subcategories of asthma and wheeze

	No incense		With incense		No incense		With incense	
	GSTP1 Ile-Ile	GSTP1 Ile-Val or Val-Val	GSTP1 Ile-Ile	GSTP1 Ile-Val or Val-Val	GSTP1 Ile-Ile	GSTP1 Ile-Val or Val-Val	GSTP1 Ile-Ile	GSTP1 Ile-Val or Val-Val
	OR	95%CI	OR	95%CI	OR	95%CI	OR	95%CI
Univariate model								
Asthma								
Lifetime asthma	1.00	0.87 (0.58,1.30)	0.85	(0.63,1.16)	0.95	(0.67,1.35)		
Current asthma	1.00	0.78 (0.42,1.45)	0.94	(0.60,1.46)	1.20	(0.74,1.96)		
Medication use	1.00	0.74 (0.33,1.62)	1.07	(0.63,1.83)	1.39	(0.77,2.50)		
Wheeze								
Lifetime wheeze	1.00	1.07 (0.77,1.49)	0.97	(0.75,1.25)	1.00	(0.74,1.34)		
Current wheeze	1.00	0.82 (0.47,1.43)	0.86	(0.57,1.29)	0.87	(0.53,1.41)		
Nocturnal wheeze	1.00	0.73 (0.32,1.67)	1.18	(0.68,2.06)	0.98	(0.50,1.91)		
Exercise wheeze	1.00	0.81 (0.47,1.42)	1.42	(0.98,2.08)	1.30	(0.84,2.01)		
Mutually adjusted model *								
Asthma								
Lifetime asthma	1.00	0.88 (0.58,1.34)	0.99	(0.71,1.36)	1.03	(0.71,1.50)		
Current asthma	1.00	0.77 (0.40,1.47)	1.16	(0.73,1.86)	1.40	(0.83,2.35)		
Medication use	1.00	0.67 (0.30,1.52)	1.24	(0.70,2.18)	1.50	(0.80,2.78)		
Wheeze								

Lifetime wheeze	1.00	1.13	(0.80,1.60)	1.17	(0.89,1.53)	1.13	(0.82,1.55)
Current wheeze	1.00	0.87	(0.49,1.56)	1.04	(0.67,1.61)	0.97	(0.58,1.62)
Nocturnal wheeze	1.00	0.73	(0.31,1.72)	1.26	(0.70,2.28)	1.01	(0.50,2.05)
Exercise wheeze	1.00	0.75	(0.42,1.34)	1.54	(1.04,2.30)	1.37	(0.87,2.17)

*Models are adjusted for age, sex, parental education, parental asthma, parental atopy, gestational age, city, maternal smoking during pregnancy and lifetime ETS at home.